

REMARKS

This is responsive to the Office Action dated January 26, 2005 in which the Examiner rejects all the elected pending claims 1- 6 as being anticipated by Callaway et al. (US Patent No. 5,043,919) under 35USC §102(b). Applicants have amended claims 1-6 to more clearly define the present invention as well as to perfect the claim language. Applicants respectfully traverse the rejections of the Examiner, as explained in detail below.

First of all, Applicants believe that a brief explanation of the present invention will be helpful in understanding the patentably distinguishing features of the present invention over the cited prior art. The present invention teaches a novel method for a user terminal to effectively display the screens received from a remote host computer, which is typically applicable in communications between a mainframe host computer and a terminal emulator. In particular, as taught by the present invention, at the user terminal, a screen is divided into a plurality of objects, and the objects affected by user input are detected; when a new screen is downloaded, only the affected objects in the new screen and the previous screen are compared so as to create a display at the user terminal by partially repainting from the old screen. This significantly improves the efficiency in displaying the screens downloaded from the remote host computer, as compared to the prior art in which the display is created by comparing the whole new screen with the old screen. To avoid any misinterpretation or confusion, Applicants have amended independent claims 1 and 4 to more clearly define the present invention. In particular, it is now expressly and unambiguously recited in the independent claims 1 and 4 that the steps are carried out at the user terminal (i.e., the computer which receives the screens from the remote computer).

Applicants respectfully submit that the present invention as defined in independent claims 1

and 4 is not taught or implied by Callway et al. (US Patent No. 5,043,919). In particular, Callway discloses a technique used in a remote control processing system in which the dynamically changing screens in the host computer are efficiently transmitted to a remote computer so as to update the display in the remote computer. More specifically, Callway discloses that, at the host computer, the contents of a new screen (in the host desk top buffer 44) displayed at the host computer is compared with the contents of an old screen (mirrored in the remote image buffer 46) displayed at the remote computer, so that only the different contents in the new screen will be transmitted from the host computer to the remote computer (see, e.g., col. 4, lines 25-30) to update the display at the remote computer. Therefore, in Callaway, the comparison of the screen contents is carried out at the host computer (read as “remote computer” in claims of the present application), which transmits the screens to the remote computer (read as “user terminal” in the claims of the present application). While in the present invention, the step of comparing, among other steps, is carried out at the user terminal, which receives the screens from the host computer.

Therefore, Applicants respectfully submits that independent claims 1 and 4 as amended are clearly not anticipated by Callaway, and are therefore patentable under 35USC §102. At least for the same reasons, dependent claims 2-3 and 5-6 are also believed patentable as each of them includes all the limitations in either claim 1 or claim 4.

Applicants therefore respectfully request reconsideration and allowance in view of the above remarks and amendments. A petition for a two-month extension is enclosed with a check of \$450 for

covering the extension fee. The Examiner is authorized to deduct additional fees believed due from our Deposit Account No. 11-0223.

Respectfully submitted,

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Dated: June 27, 2005

Jeffrey I. Kaplan
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A handwritten signature in black ink, appearing to read "Jeffrey I. Kaplan", is written over the typed name and registration number above it.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal service as first class mail, in a postage prepaid envelope, addressed to Mail Stop, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on June 27, 2005.

Dated June 27, 2005 Signed Ute H. Wojtkowski Print Name Ute H. Wojtkowski

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